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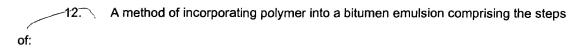
CLAIMS

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- A composition comprising bitumen and products obtained by reacting a resin with an amine.
 - 2. The composition of claim 1 further comprising a polymer.
- 3. The composition of claim 2 wherein polymer comprises at least approximately 3
 4. % of the composition by weight.
 - 4. The composition of claim 2 wherein said polymer comprises styrene.
 - 5. The composition of claim 4 wherein said polymer comprises SBS.
 - 6. The composition of claim 1 wherein said resin comprises pentaerythritol ester of rosin.
 - The composition of claim 1 wherein said products comprise an amide.
 - 8. The composition of claim 1 wherein said products comprise an alcohol.
 - 9. The composition of claim 8 wherein said alcohol comprises a polyol.
- 25 A composition comprising bitumen, polymer, and products obtained by reacting a rosin ester with an amine, wherein said products comprise an alcohol and an amide.
 - 11. The composition of claim 10 wherein said composition is an emulsion.

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combining bitumen, polymer, resin and amine to form a pre-mix;

heating the pre-mix to a temperature sufficient to react the resin and the

5 amine to form reaction products; and

mixing the reacted pre-mix with a bitumen emulsion.

- 13. The method of claim 12 wherein the resin comprises a rosin ester.
- 10 14. The method of claim 13 wherein the rosin ester comprises a pentaerythritol ester of rosin.
 - 15. The method of claim 12 wherein the polymer comprises styrene.
- 15 16. The method of claim 15 wherein the polymer comprises SBS.
 - 17. The method of claim 12 wherein the reaction products comprise an alcohol.
 - 18. The method of claim 17 wherein the alcohol comprises a polyol.
 - 19. The method of claim 12 wherein the bitumen emulsion comprises an emulsion selected from the group consisting of cationic, nonionic, and anionic emulsions.
 - 20. The method of claim 12 wherein the mixing step comprises low shear mixing.
 - A method of reducing the viscosity of a composition comprising bitumen and polymer, the method comprising the steps of:

adding a resin and an amine to the composition; and reacting the resin and the amine to form reaction products, the reaction

30 products comprising a viscosity reducer.

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- 22. The method of claim 21 wherein the viscosity reducer comprises an alcohol.
- 23. The method of claim 21 wherein the viscosity reducer comprises a polyol.
- A composition comprising bitumen, polymer and products obtained by reacting a resin with an amine, wherein low shear mixing of said bitumen, polymer and products forms a stable bitumen emulsion.
- 10 25. The composition of claim 24 wherein said polymer comprises styrene.
 - 26. The composition of claim 25 wherein said polymer comprises SBS.
 - 27. The composition of claim 24 wherein said resin comprises a rosin ester.
 - 28. The composition of claim 27 wherein said rosin ester comprises a pentaerythritol ester of rosin.
 - 29. The composition of claim 23 wherein said products comprise an alcohol.
 - 30. The composition of claim 29 wherein said alcohol comprises a polyol.